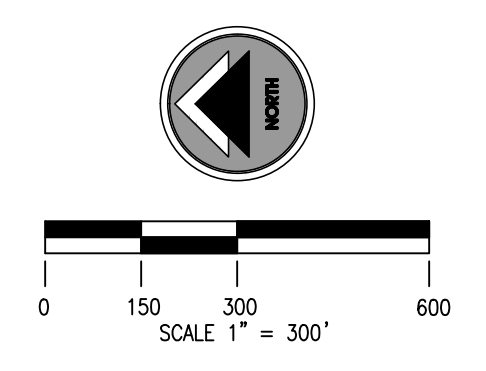


- SPECIAL NOTES:
1. SEE SHEET C1.0 FOR APPLICABLE PROJECT GENERAL NOTES.
 2. SEE SHEETS C2.0 THRU C2.3 FOR EXISTING CONDITIONS.
 3. ITEMS NOT NOTED TO BE REMOVED SHALL REMAIN.
 4. SEE SHEET C4.0 FOR ADDITIONAL DETAILED UTILITY REMOVAL AND RELOCATION INFORMATION.
 5. ALL EXISTING SANITARY SEWER TO REMAIN.
 6. CONTRACTOR SHALL CLEAR AND GRUB AS NECESSARY TO INSTALL PROPOSED IMPROVEMENTS.
 7. SOILS SAMPLES FROM THE CONTAMINATED SOIL PIT WILL BE TESTED BY RSA TO ENSURE CONTAMINATED SOIL HAS BEEN REMOVED.
 8. ALL SUBSTATION COMPONENTS TO BE REMOVED BY CONTRACTOR.
 9. CONTRACTOR TO REMOVE AND DISPOSE OF ALL COUNTERPOISE ENCOUNTERED WITHIN THE SUBSTATION LIMITS.
 10. METAL & CONCRETE POLES AND COPPER 48KV LINES (HEADED SOUTH OUT OF SUBSTATION) TO BE SALVAGED AND TAKEN TO THE REDSTONE ARSENAL HIGH VOLTAGE SHOP. CLOSE TO BUILDING 3542. THE SHOP IS APPROXIMATELY 2.5 MILES FROM THE SITE. COORDINATE WITH REDSTONE ARSENAL. EACH REEL OF WIRE TO CONTAIN A MAXIMUM OF 3000 LBS OR 2000 LBS.
 11. ALL WOODEN POLES TO BE DISPOSED OF AT CONTRACTOR'S DISCRETION.
 12. ALL HDPE PIPE TO BE RETAINED BY THE CITY.

LEGEND:

- EXISTING UTILITY POLE (TO BE REMOVED)
- EXISTING IMPROVEMENTS (TO BE REMOVED)
- EXISTING PAVING, CURBS, AND HARDSCAPE (TO BE REMOVED)
- EXISTING UTILITIES AND FENCING (TO BE REMOVED)



LBYD
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Birmingham, Alabama
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www.lbyd.com

LBYD Project Number:
302-10-002A

LBYD, Inc.
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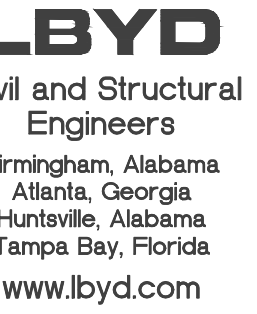
HUNTSVILLE
The Star of Alabama

OVERALL DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

ADDENDUM #1	TAR	CHECKED	DATE	DESCRIPTION	DATE	DATE
1	6/29/12	TBE	6/29/12	DATE	DATE	DATE
REV	DATE	DRAWN	CHECKED	DATE	DATE	DATE
DRAWN	TBE	CHECKED	DATE	DATE	DATE	DATE

C3.0

7 OF 23



Project Number
302-10-002A

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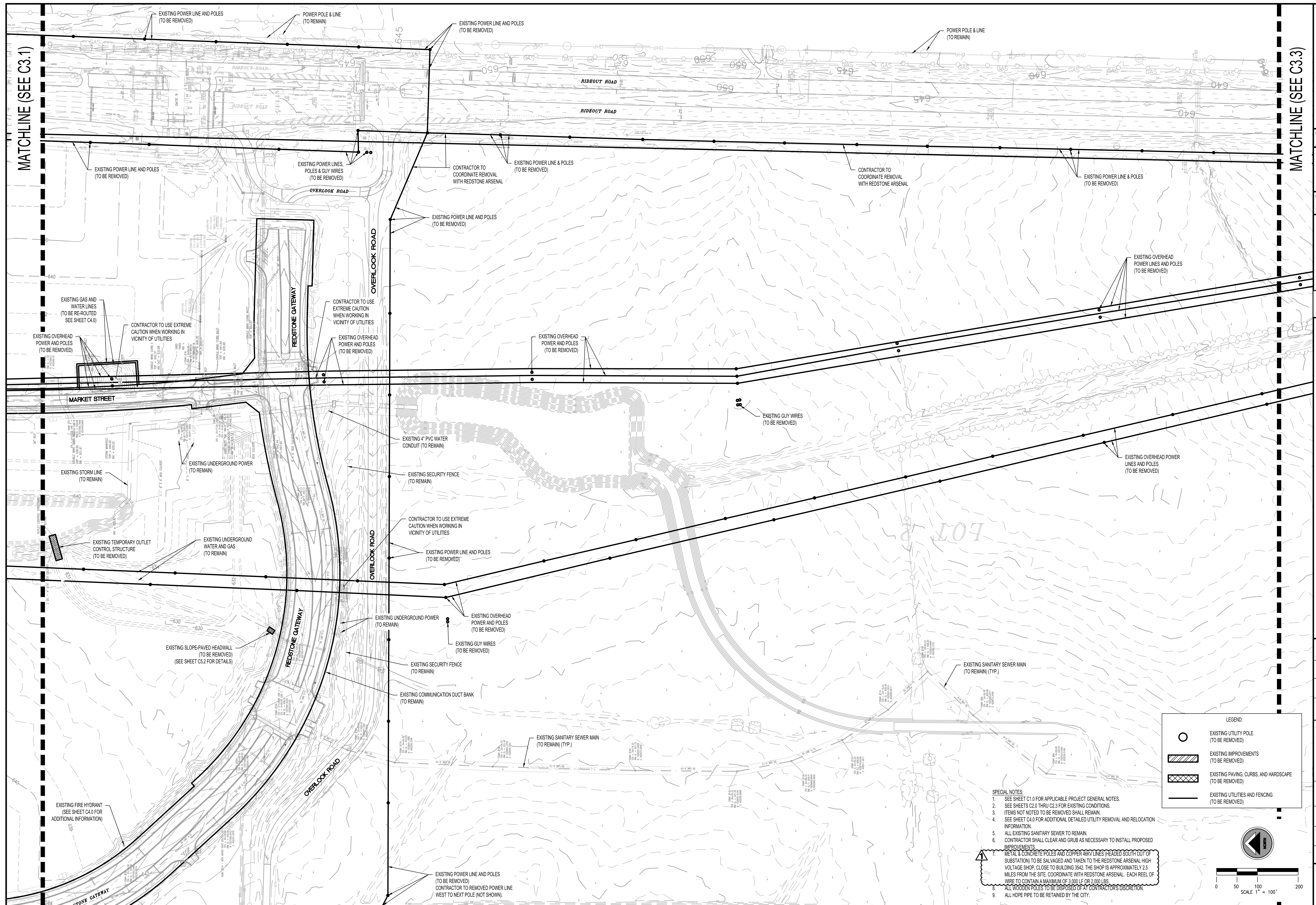
MUNTSVILLE

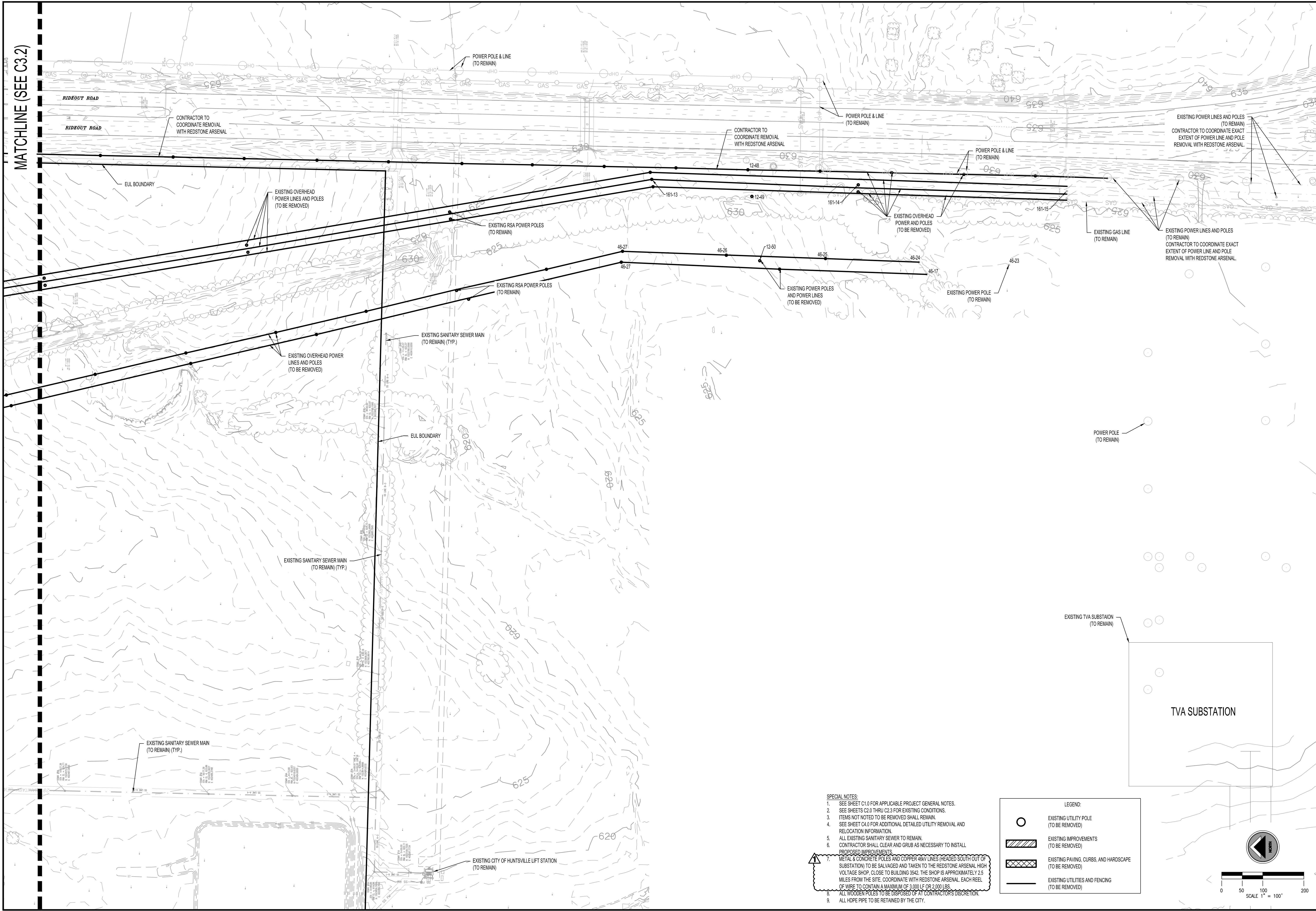
**REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA**

DRAWN: TBE				CHECKED: RAN		DATE: June 19, 2012	
REV	DATE	DRAWN	CHECKED	DESCRIPTION	THWING	REAL ESTATE COURT REVIEW	DAMAGE
1	5/29/12	TBE	TAR	ADDENDUM #1			

C3.2

OF 23

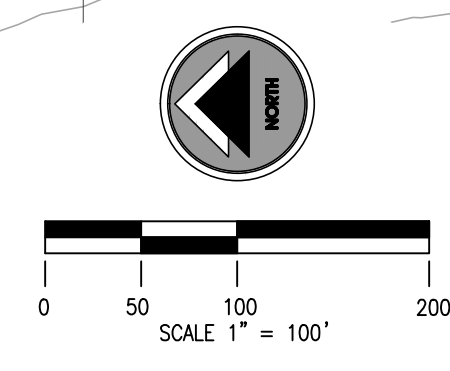





- SPECIAL NOTES:**
- SEE SHEET C1.0 FOR APPLICABLE PROJECT GENERAL NOTES.
 - SEE SHEETS C2.0 THRU C2.3 FOR EXISTING CONDITIONS.
 - ITEMS NOT NOTED TO BE REMOVED SHALL REMAIN.
 - SEE SHEET C4.0 FOR ADDITIONAL DETAILED UTILITY REMOVAL AND RELOCATION INFORMATION.
 - ALL EXISTING SANITARY SEWER TO REMAIN.
 - CONTRACTOR SHALL CLEAR AND GRUB AS NECESSARY TO INSTALL PROPOSED IMPROVEMENTS.
 - METAL & CONCRETE POLES AND COPPER 46KV LINES (HEADED SOUTH OUT OF SUBSTATION) TO BE SALVAGED AND TAKEN TO THE REDSTONE ARSENAL HIGH VOLTAGE SHOP, CLOSE TO BUILDING 3542. THE SHOP IS APPROXIMATELY 2.5 MILES FROM THE SITE. COORDINATE WITH REDSTONE ARSENAL. EACH REEL OF WIRE TO CONTAIN A MAXIMUM OF 3,000 LF OR 2,000 LBS.
 - ALL WOODEN POLES TO BE DISPOSED OF AT CONTRACTOR'S DISCRETION.
 - ALL HDPE PIPE TO BE RETAINED BY THE CITY.

LEGEND:

- EXISTING UTILITY POLE (TO BE REMOVED)
- EXISTING IMPROVEMENTS (TO BE REMOVED)
- EXISTING PAVING, CURBS, AND HARDSCAPE (TO BE REMOVED)
- EXISTING UTILITIES AND FENCING (TO BE REMOVED)





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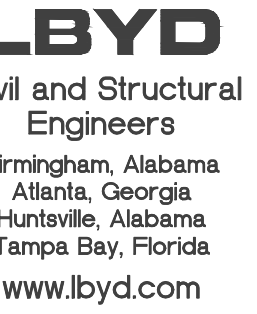
ALABAMA
REGISTERED
No. 26754
PROFESSIONAL
6/29/2012

HUNTSVILLE
The Star of Alabama

DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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C3.3
10 OF 23



Project Number
302-10-002A

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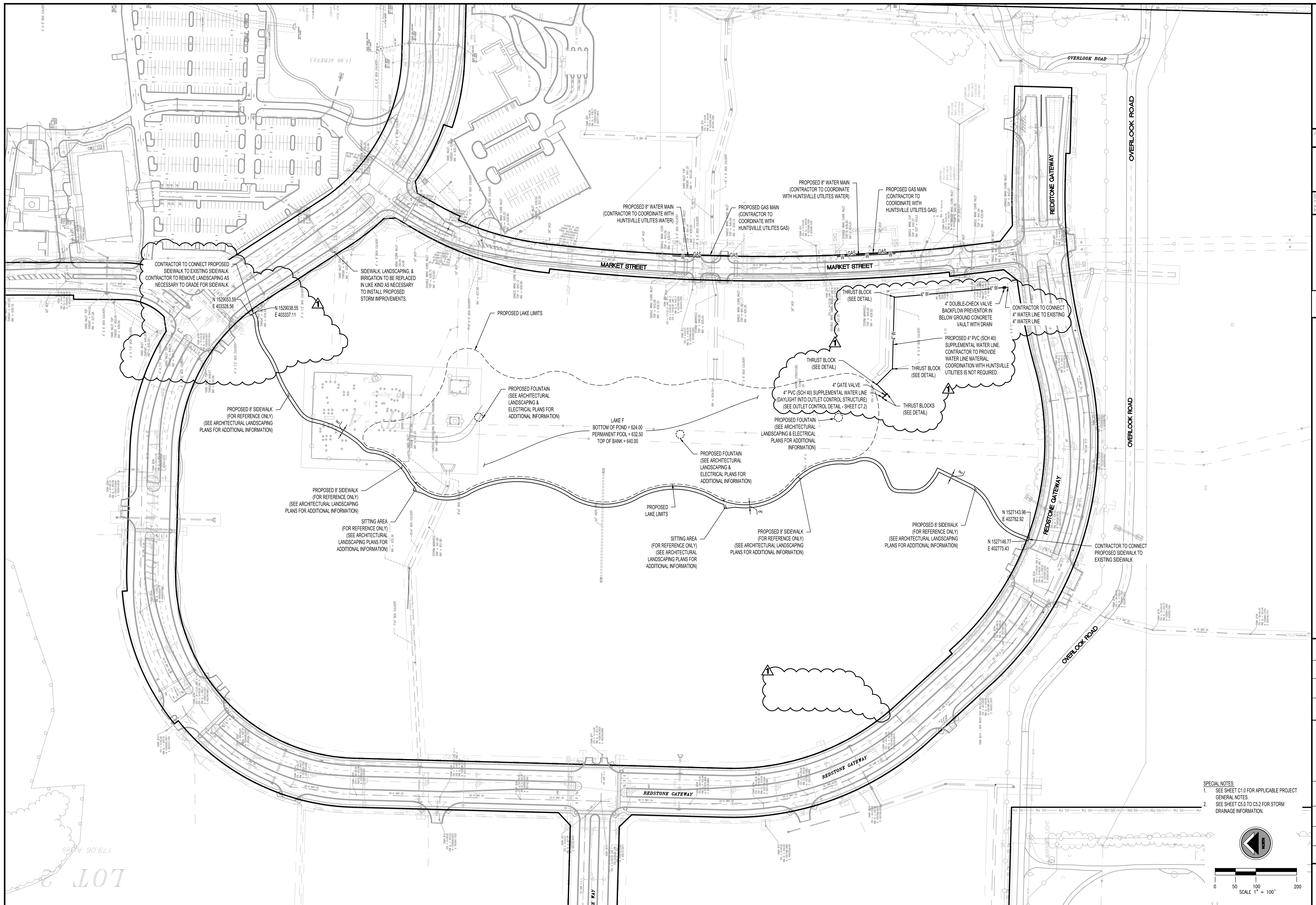


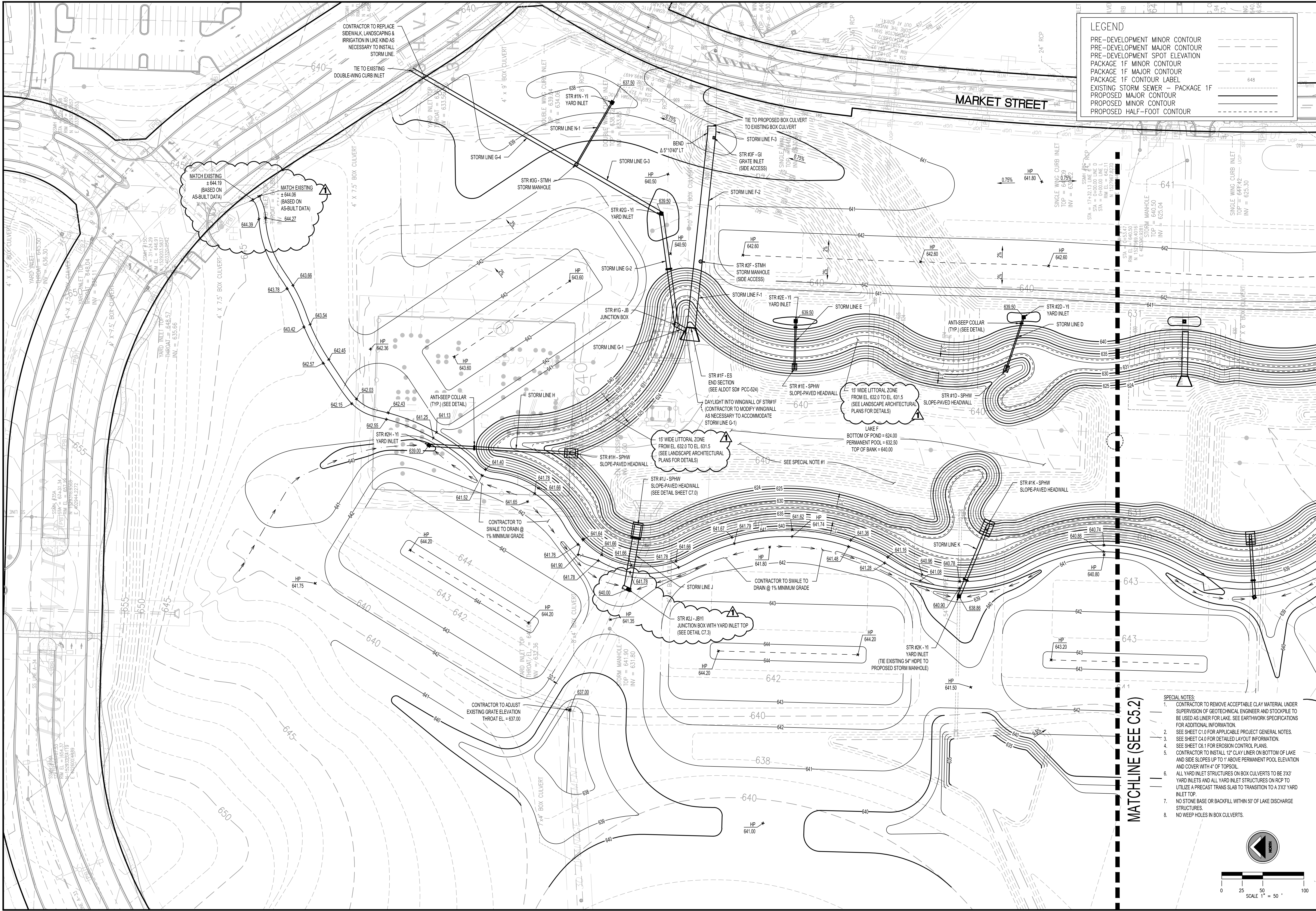
**REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA**

[illegible]

C4.0

1 OF 23





LEGEND

PRE-DEVELOPMENT MINOR CONTOUR	---
PRE-DEVELOPMENT MAJOR CONTOUR	---
PRE-DEVELOPMENT SPOT ELEVATION	---
PACKAGE 1F MINOR CONTOUR	---
PACKAGE 1F MAJOR CONTOUR	---
PACKAGE 1F CONTOUR LABEL	---
EXISTING STORM SEWER - PACKAGE 1F	---
PROPOSED MAJOR CONTOUR	---
PROPOSED MINOR CONTOUR	---
PROPOSED HALF-FOOT CONTOUR	---

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PROFESSIONAL
6/29/2012

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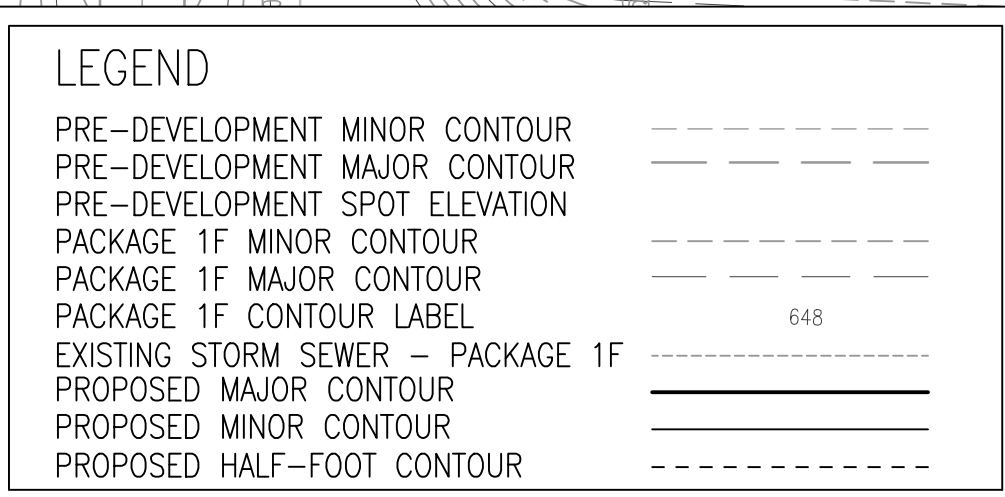
GRADING & STORM DRAINAGE PLAN
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	BY	CHK	DESCRIPTION
1	6/29/12	TBE	TAR	ADDENDUM #1

REV	DATE	BY	CHK	DESCRIPTION
1	6/29/12	TBE	TAR	ADDENDUM #1

DATE: June 19, 2012

C5.1
13 OF 23



BYD Project Number
302-10-002A

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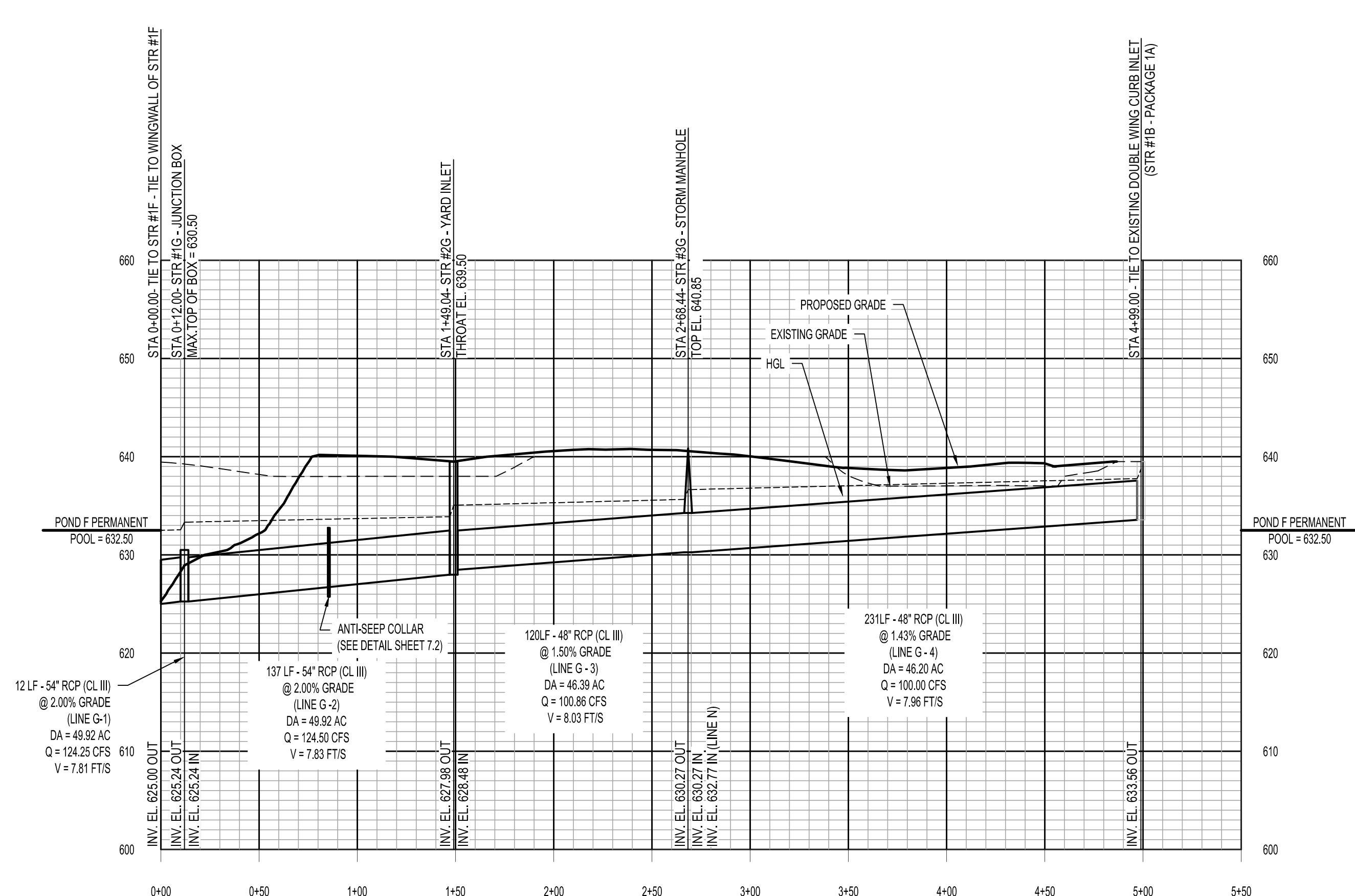
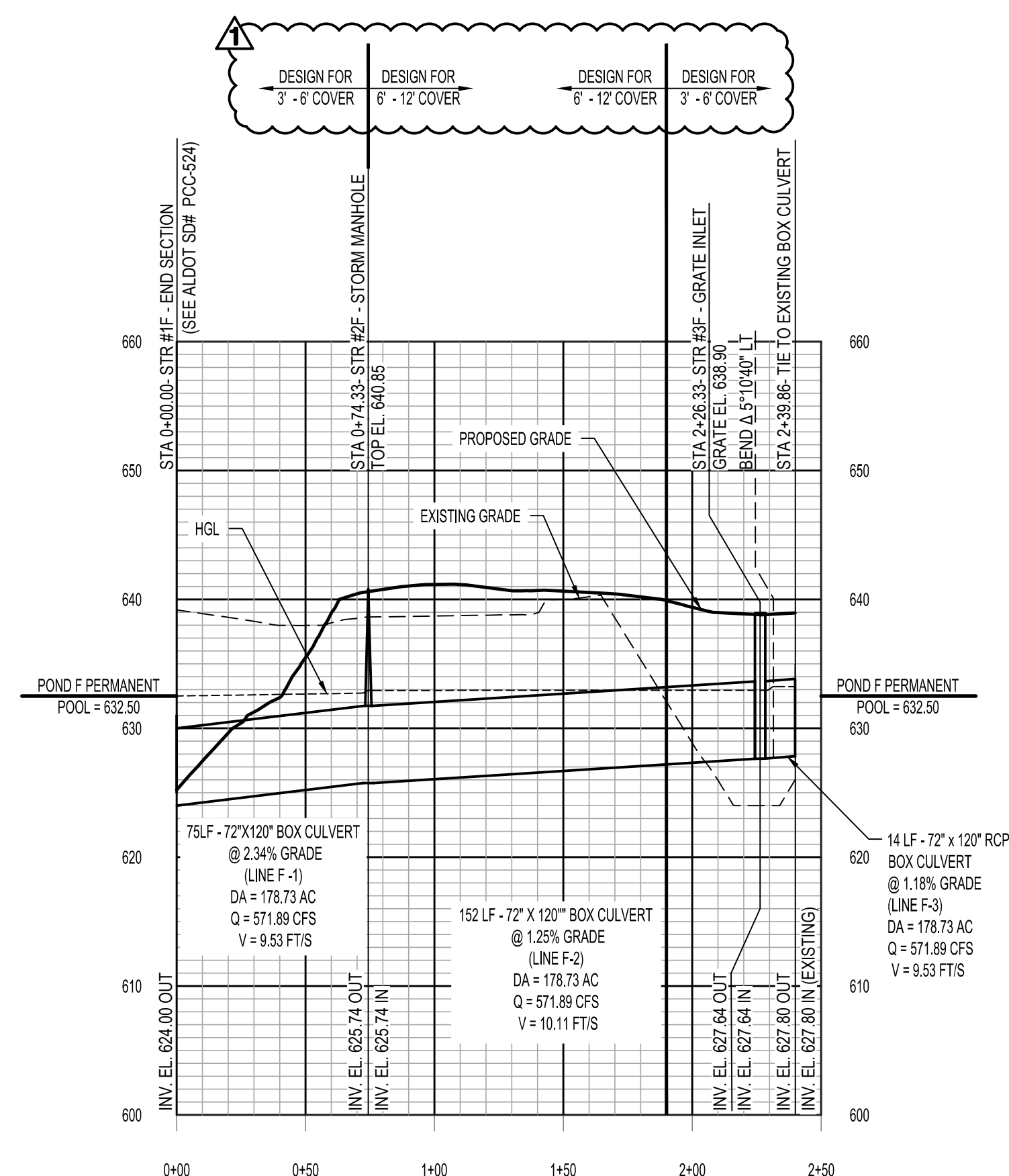
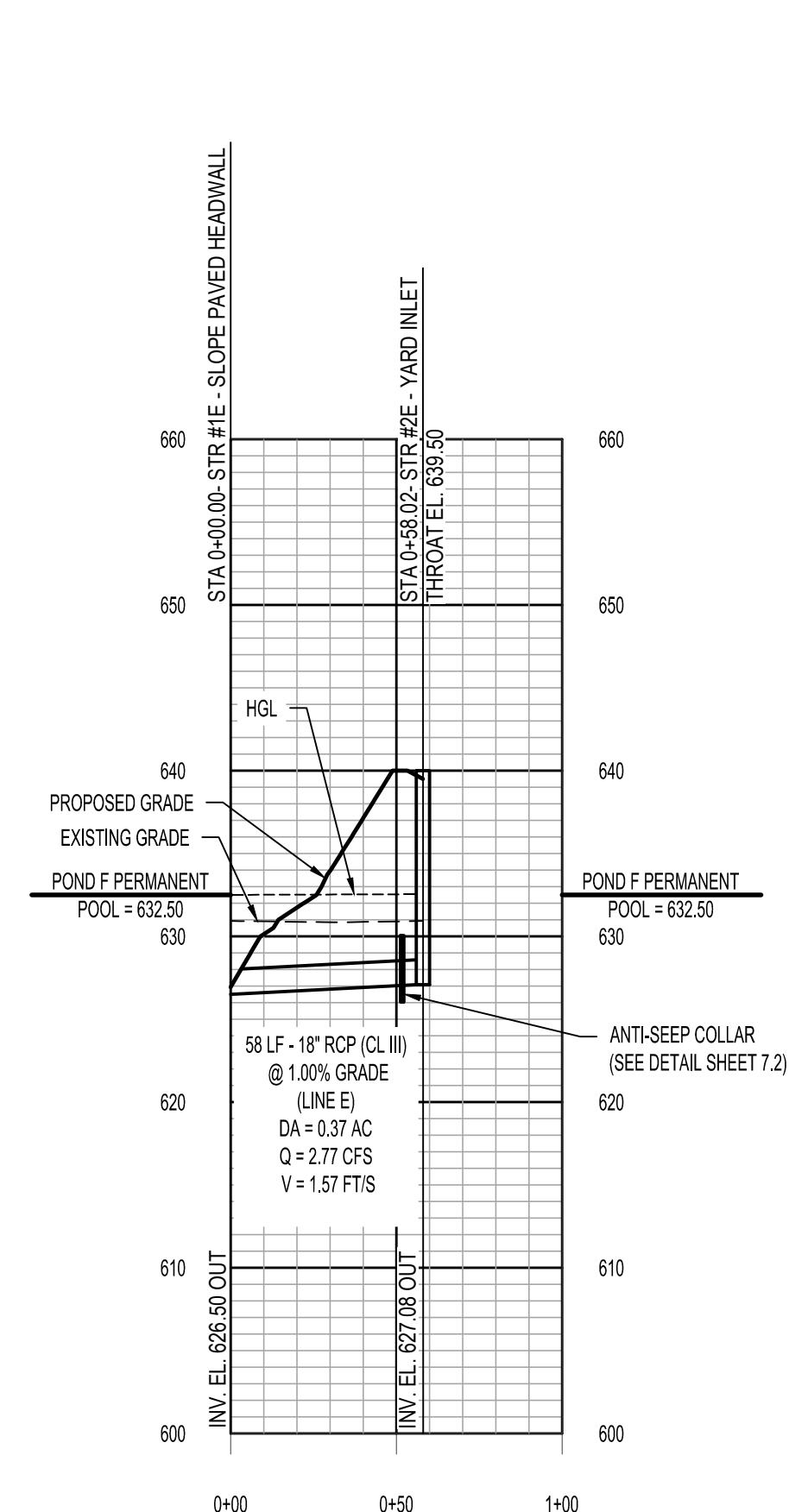
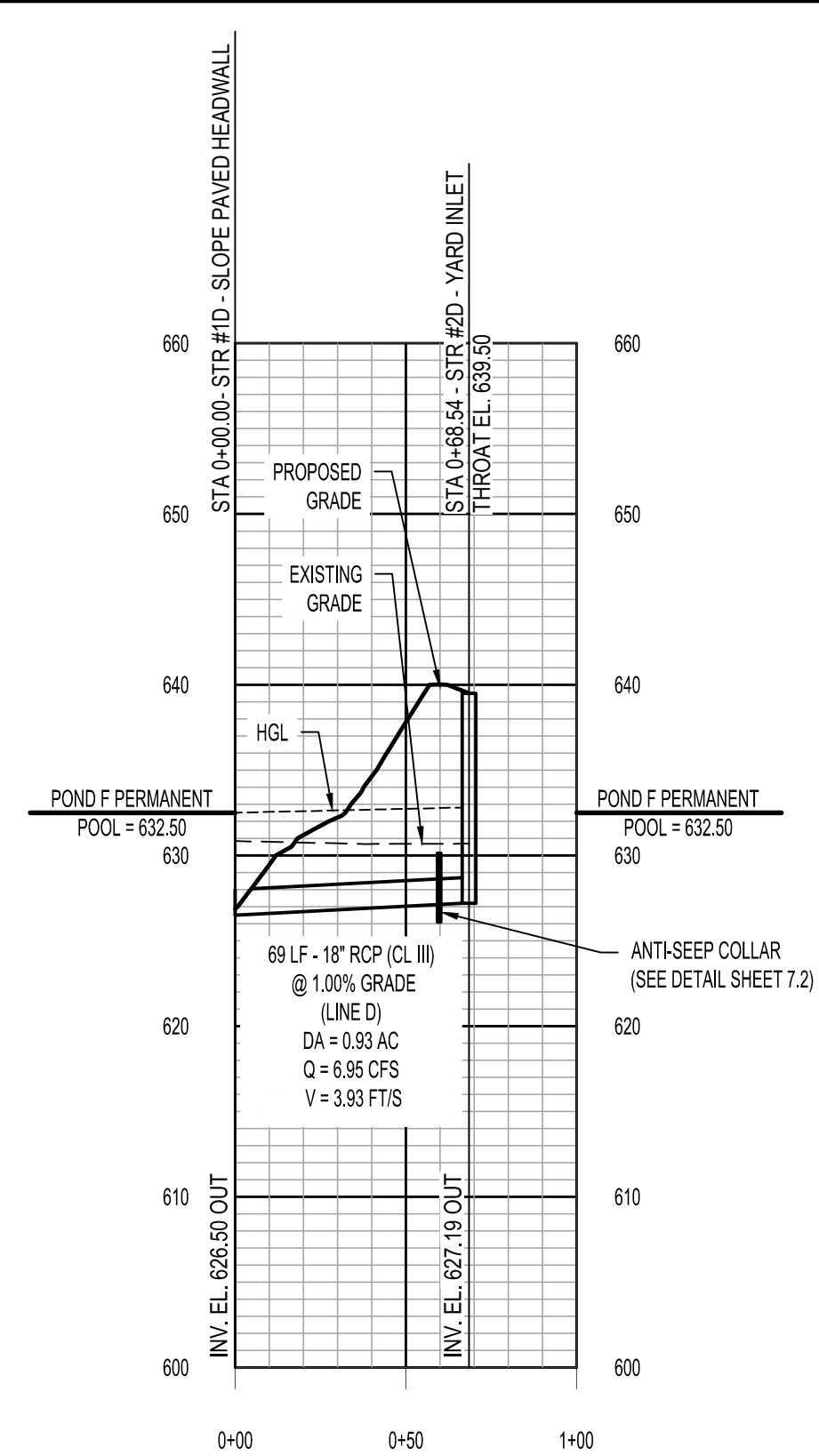
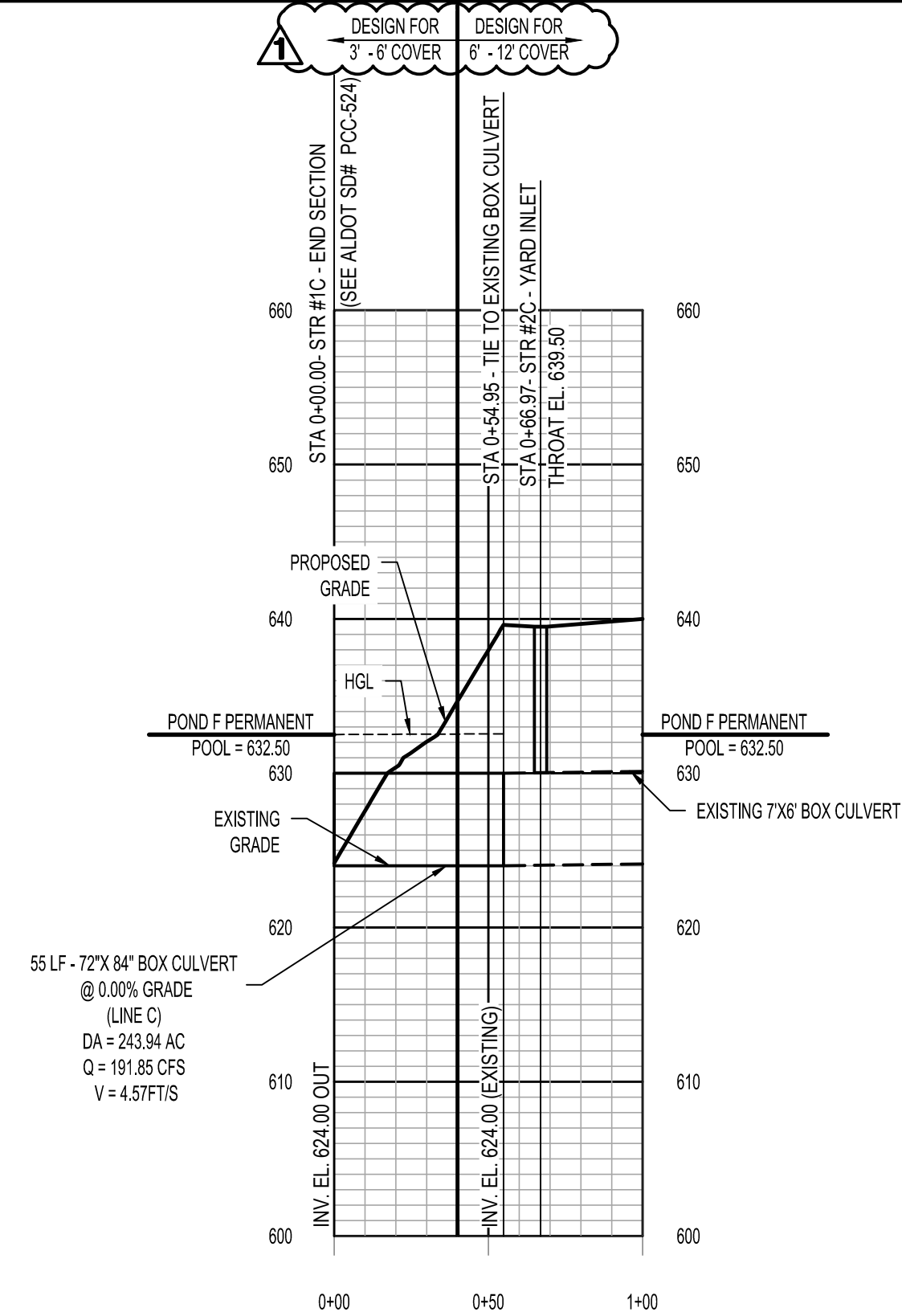
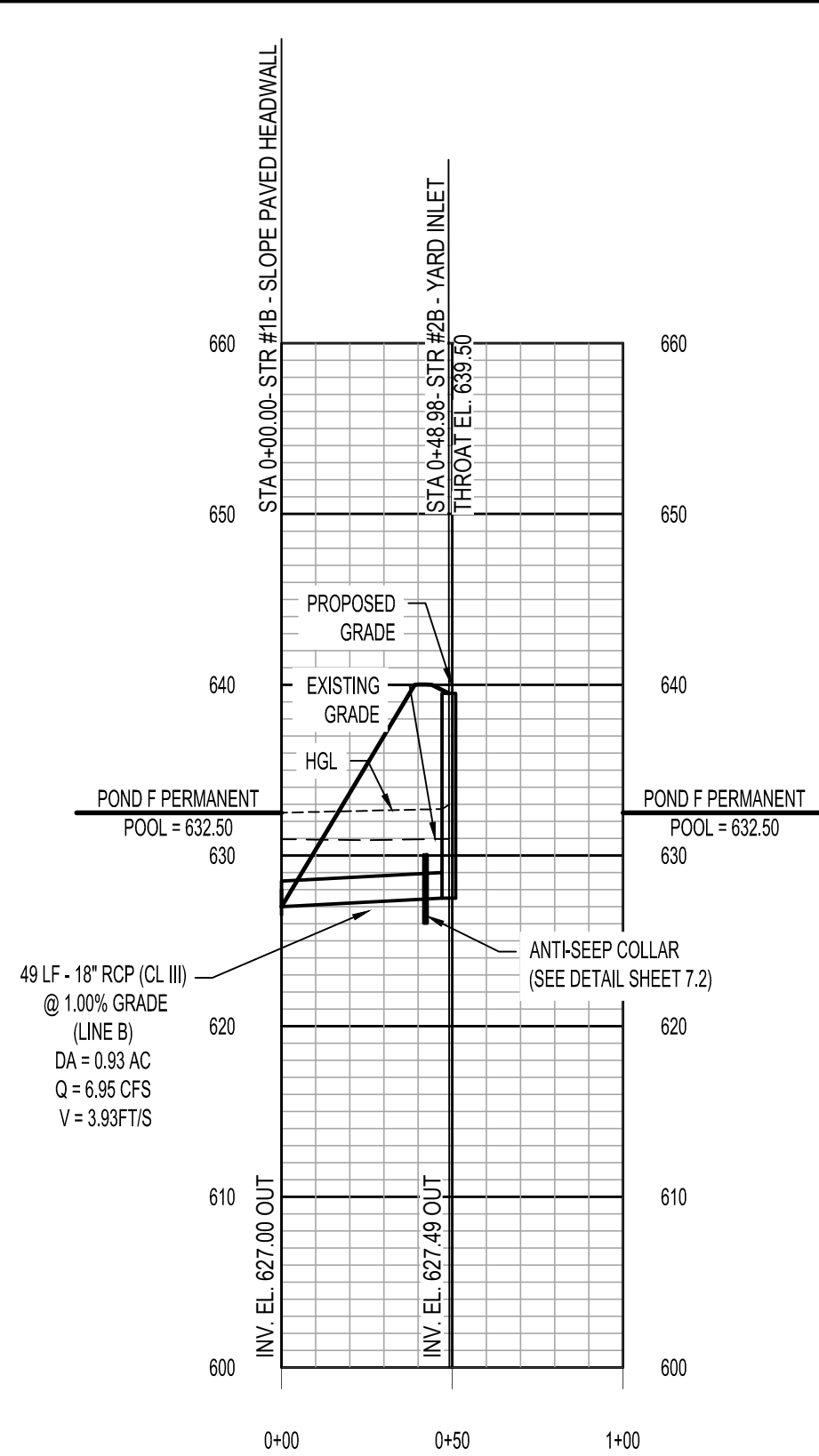
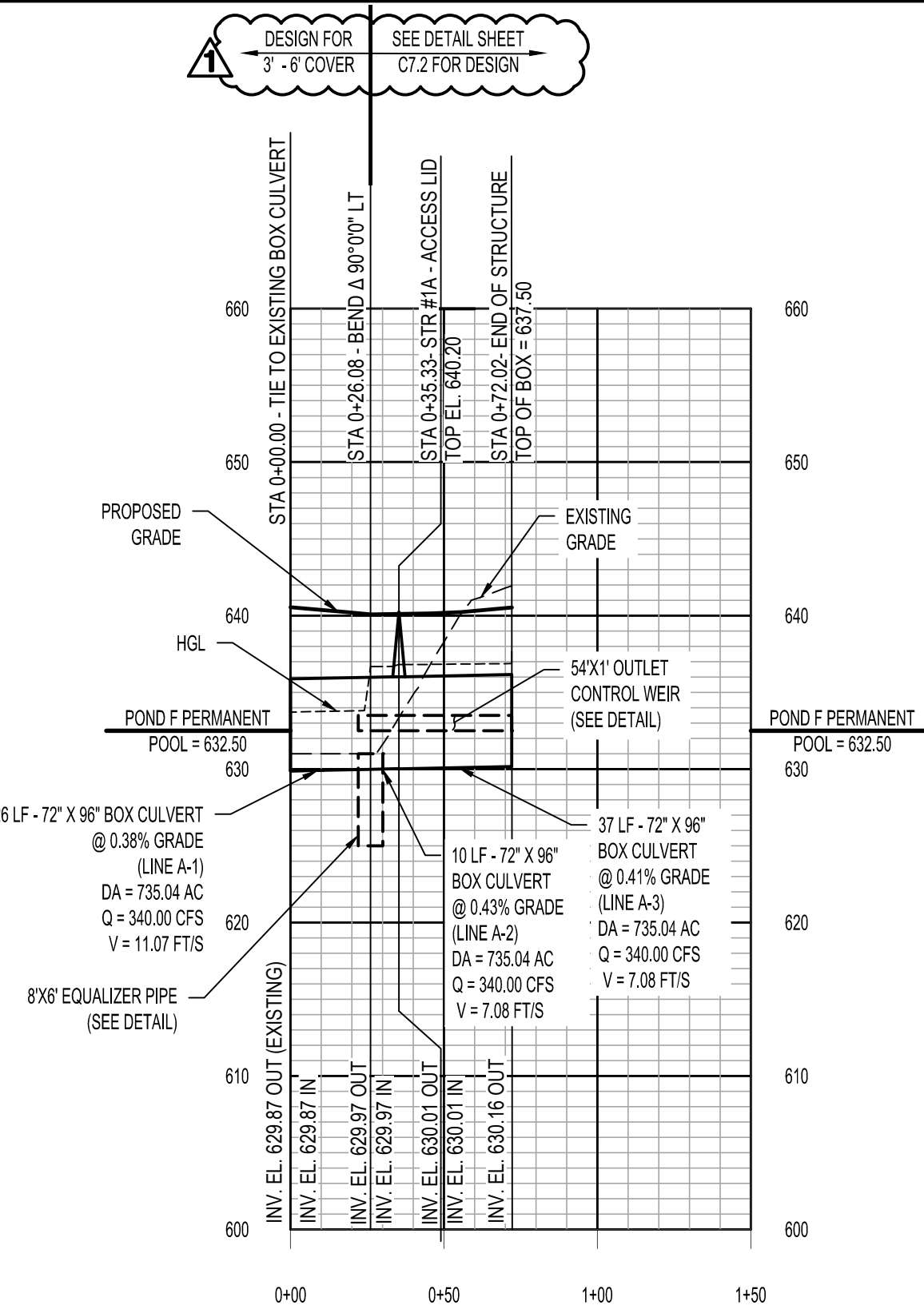


GRADING & STORM DRAINAGE PLAN
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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C5.2

14 OF 23



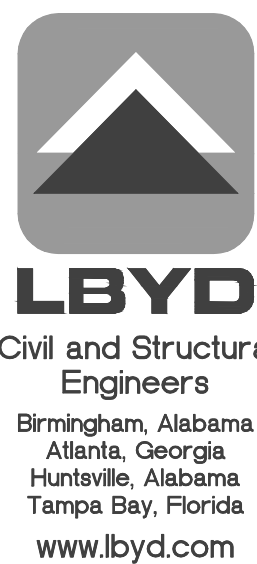
* POND F PERMANENT POOL ELEVATION = 632.50 (FINAL DEVELOPMENT).

SCALE:
1"=50' HORIZONTAL
1"=10' VERTICAL

HGL
EXISTING GRADE
PROPOSED GRADE
STORM SEWER

- ## SPECIAL NOTES

1. PIPES SIZED FOR THE 25-YEAR STORM UNLESS OTHERWISE NOTED.
2. SEE SHEETS C5.0 TO C5.2 FOR GRADING AND STORM PIPE LAYOUT INFORMATION.
3. ALL YARD INLETS TO BE 3" YARD INLETS. ALL YARD INLET STRUCTURES ON BOX CULVERTS TO BE 3X3" YARD INLETS AND ALL YARD INLET STRUCTURES ON RCP TO UTILIZE A PRECAST TRANS SLAB TO TRANSITION TO A 3X3" YARD INLET TOP.
4. ALL STORM PIPES & BOX CULVERTS ENTERING THE POND TO BE BACKFILLED WITH COMPACTED SOIL FROM THE HEADWALL TO THE ANTI-SHEEP COLLAR ON ALL LINES.
5. NO WEEP HOLES ARE TO BE INSTALLED IN THE BOX CULVERTS.

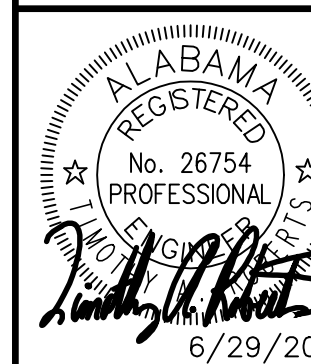


LBYD Project Number

302-10-002A

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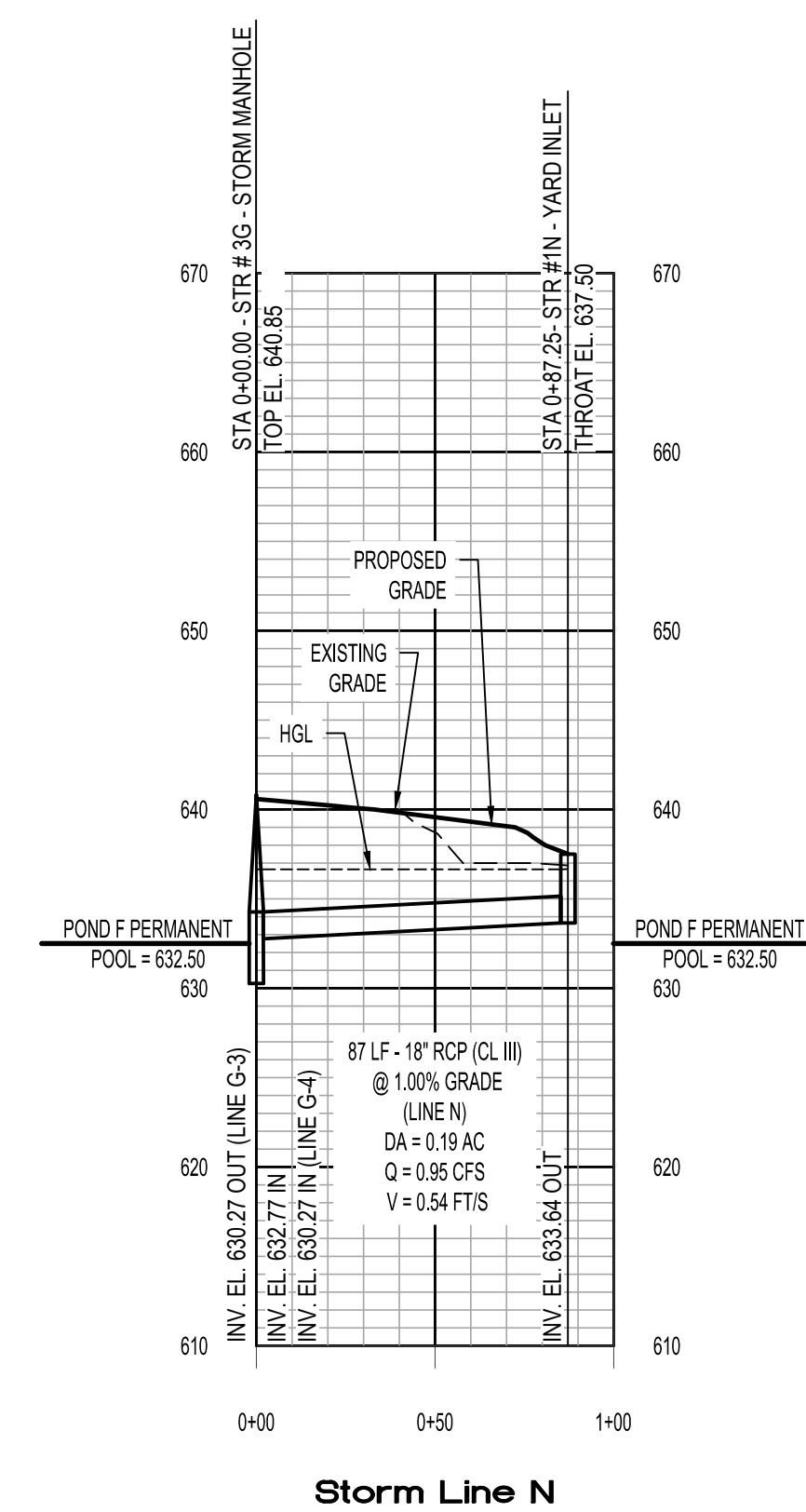
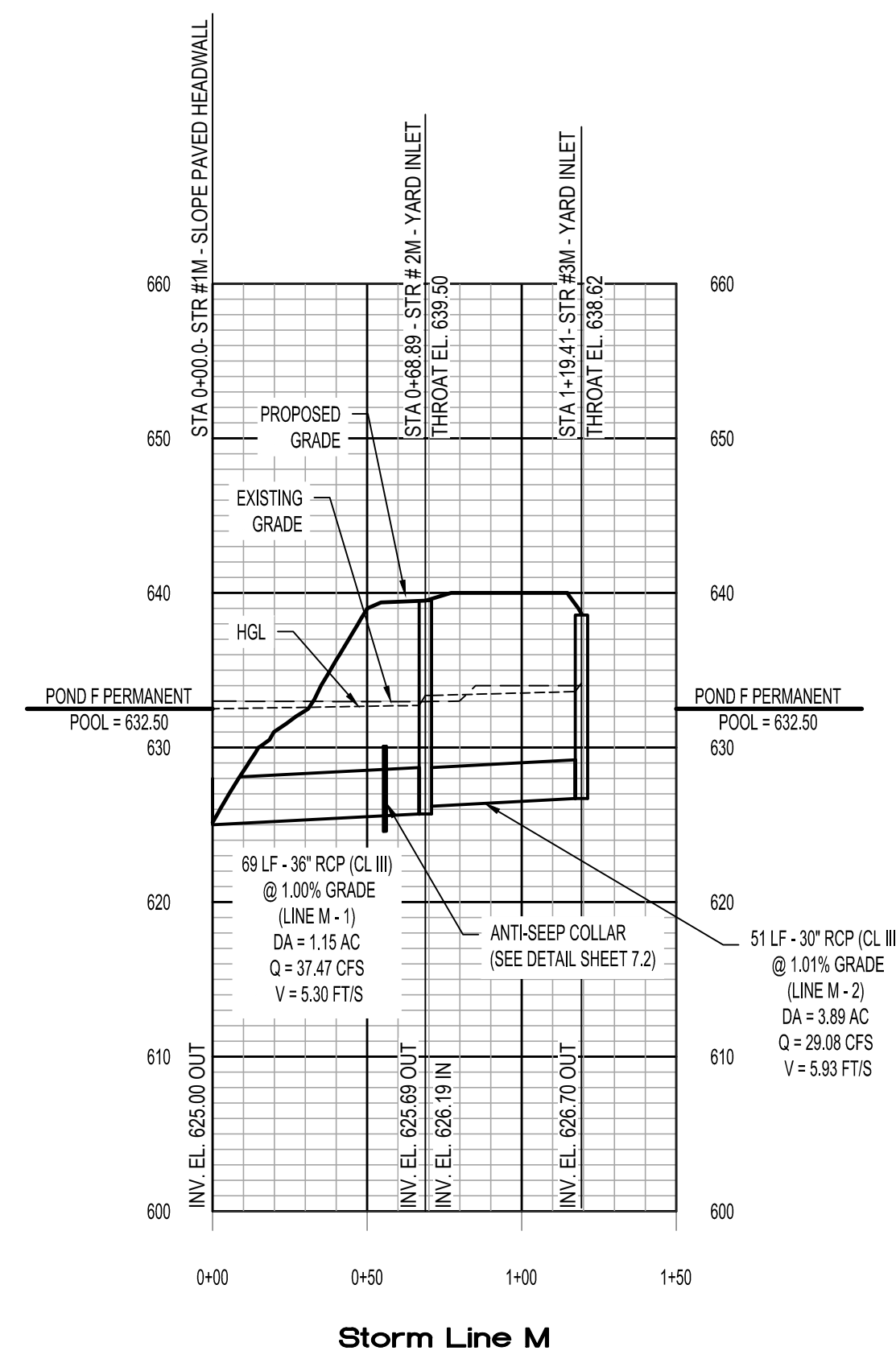
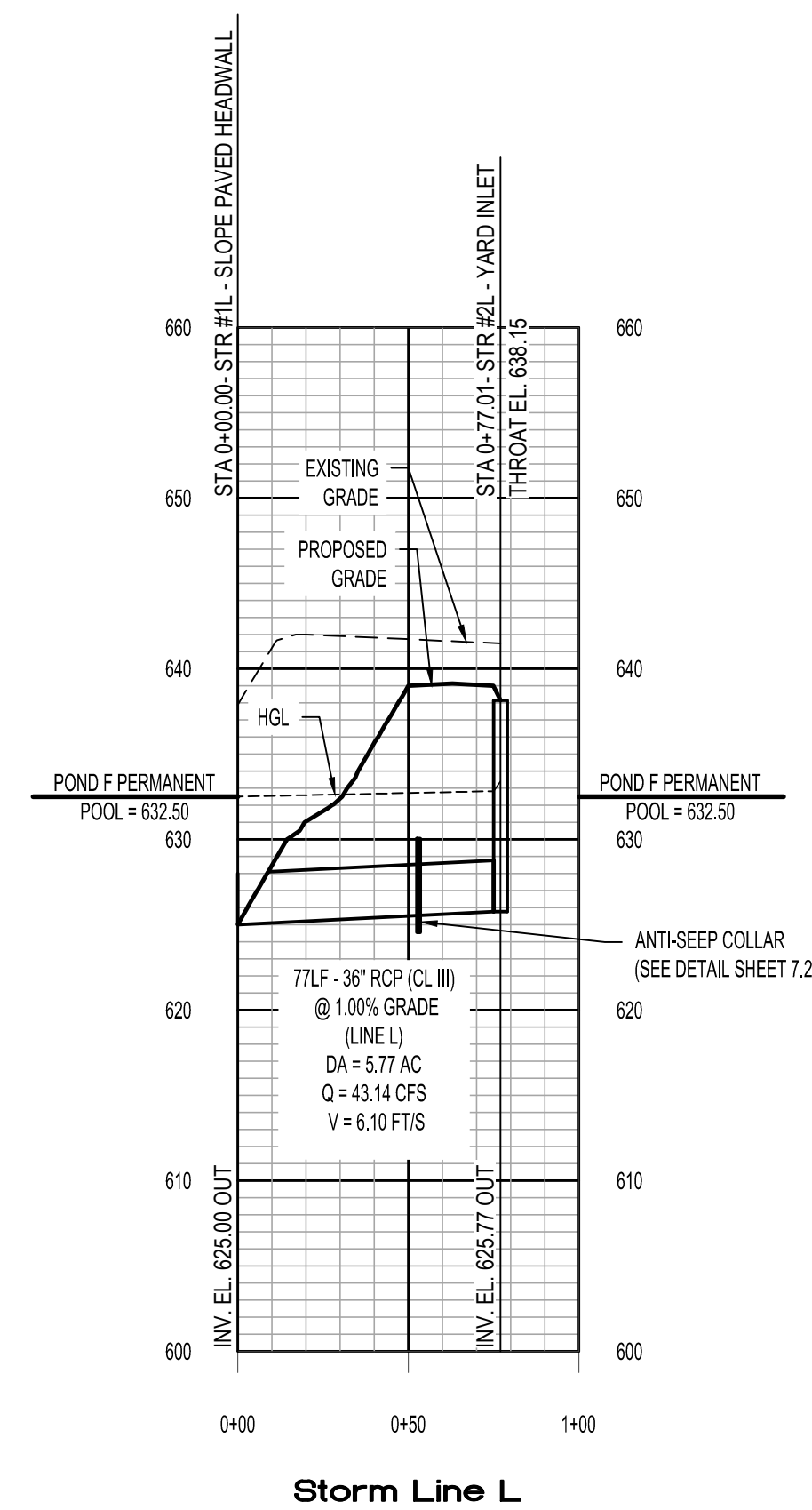
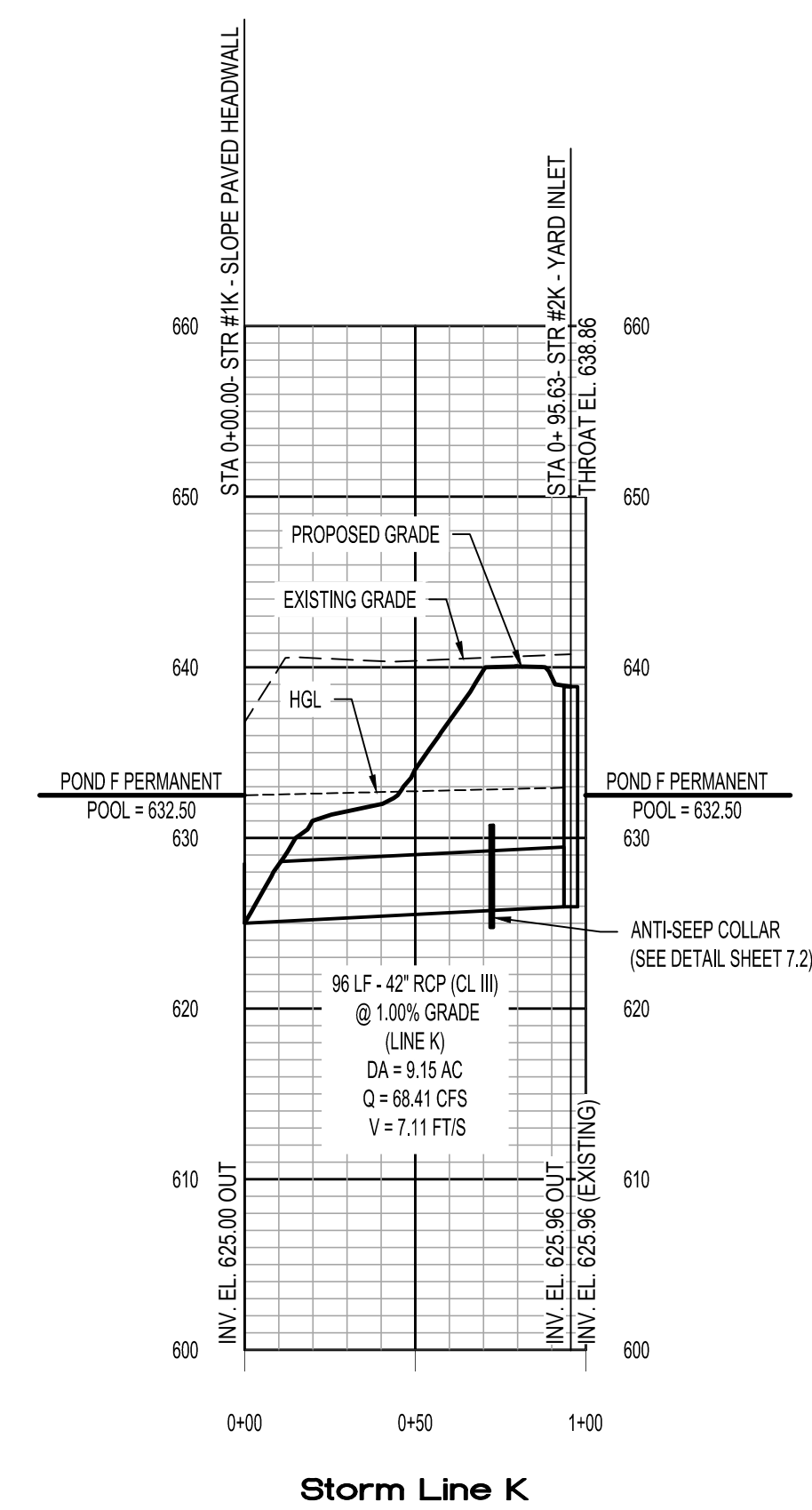
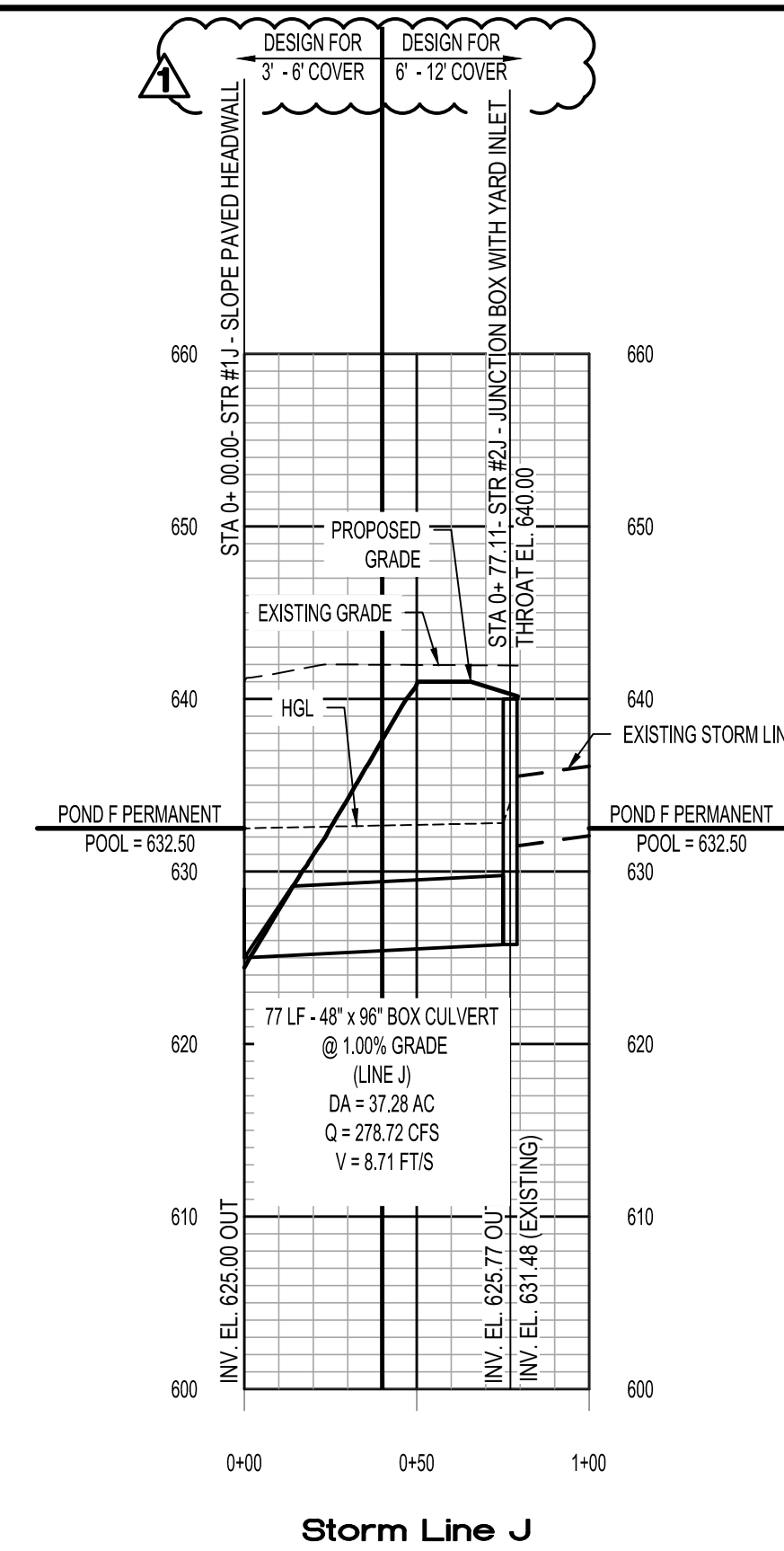
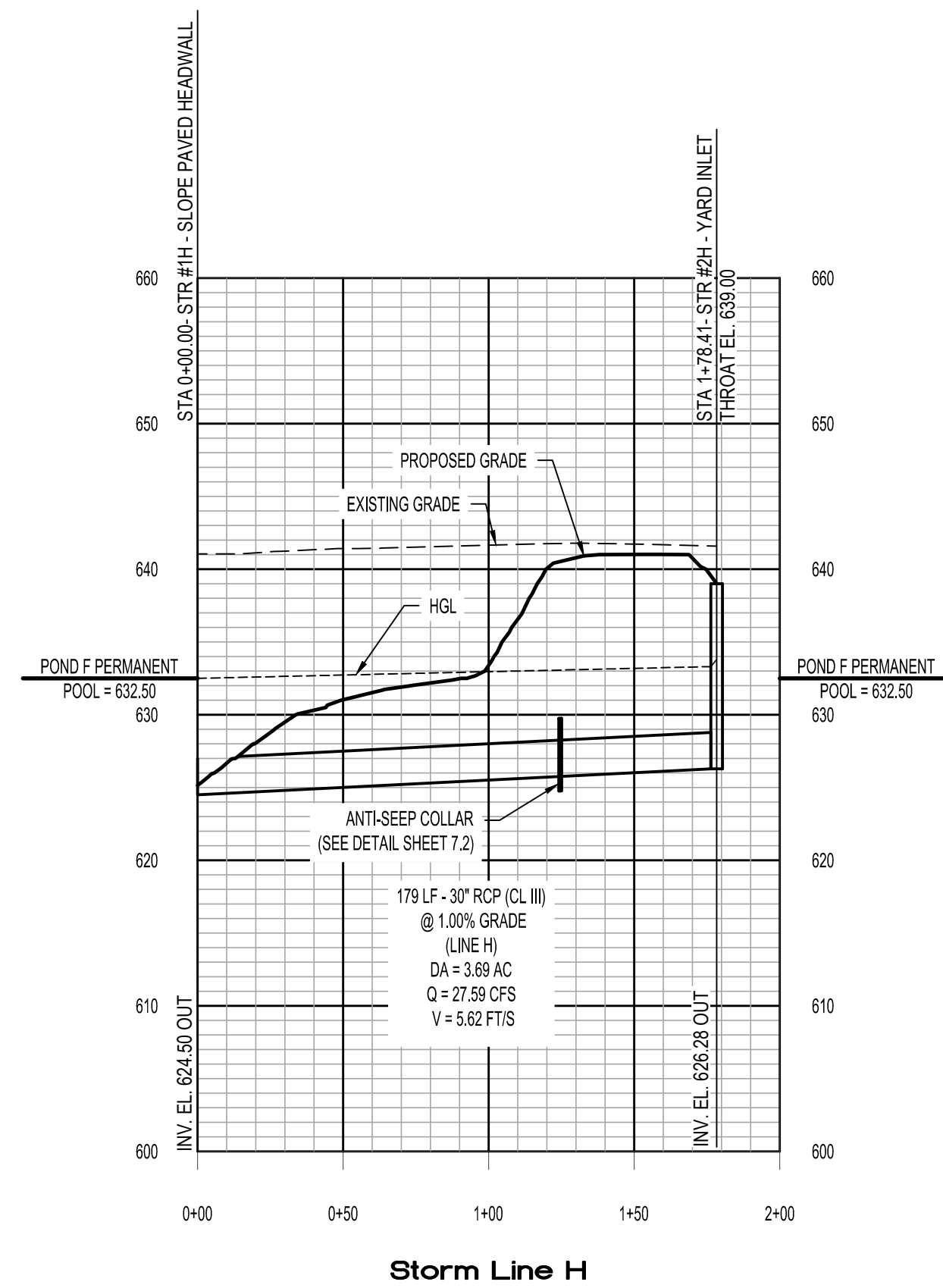
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STORM PROFILES
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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C5.3



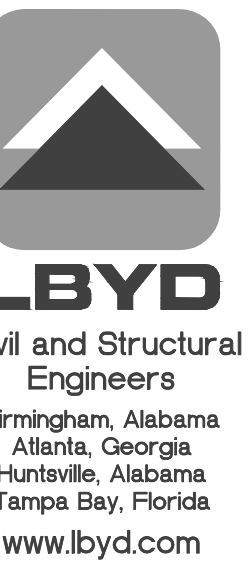
* POND F PERMANENT POOL ELEVATION = 632.50 (FINAL DEVELOPMENT).

SCALE:
1"=50' HORIZONTAL
1"=10' VERTICAL

HGL _____
EXISTING GRADE _____
PROPOSED GRADE _____
STORM SEWER _____

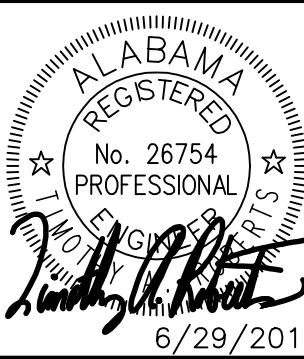
SPECIAL NOTES:

1. PIPES SIZED FOR THE 25-YEAR STORM UNLESS OTHERWISE NOTED.
2. SEE SHEETS C5.0 TO C5.2 FOR GRADING AND STORM PIPE LAYOUT INFORMATION.
3. ALL YARD INLETS TO BE 3' YARD INLETS. ALL YARD INLET STRUCTURES ON BOX CULVERTS TO BE 3X3' YARD INLETS AND ALL YARD INLET STRUCTURES ON RCP TO UTILIZE A PRECAST TRANS SLAB TO TRANSITION TO A 3X3' YARD INLET TOP.
4. ALL STORM PIPES & BOX CULVERTS ENTERING THE POND TO BE BACKFILLED WITH COMPACTED SOIL FROM THE HEADWALL TO THE ANTI-SEEP COLLAR ON ALL LINES.
5. NO WEEP HOLES ARE TO BE INSTALLED IN THE BOX CULVERTS.

BYD Project Number
302-10-002A

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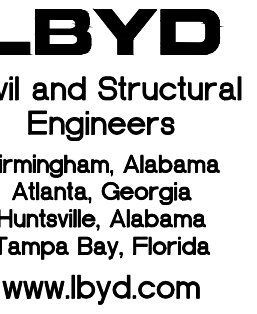
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STORM PROFILES
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

[illegible]

C5.4



Project Number
302-10-002A

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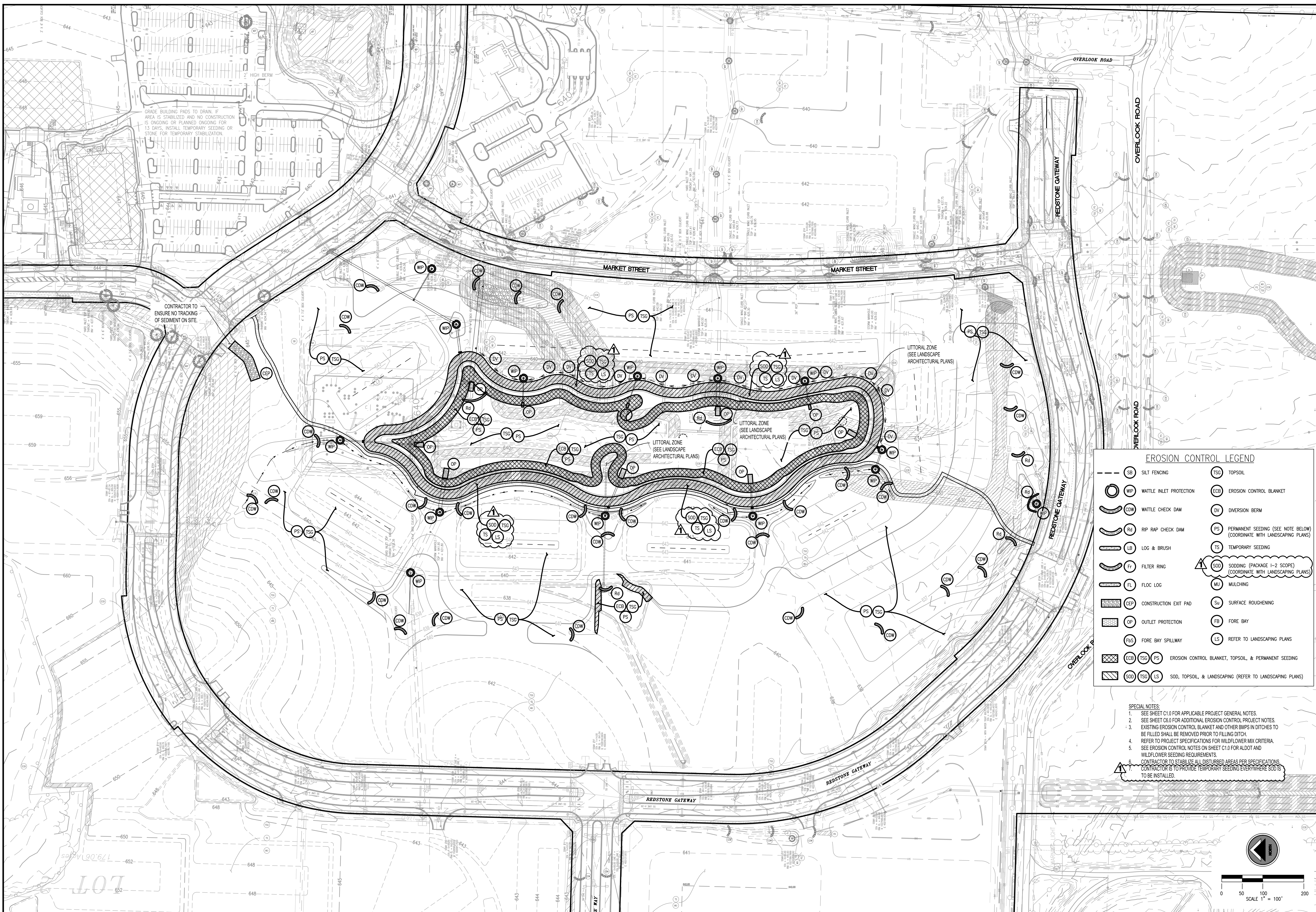


MUNTSVILLE
South Carolina

**REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA**

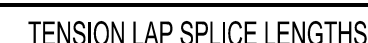
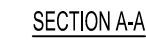
[illegible]

C6.1





Fill Over Cut Slope Detail
NT.S.

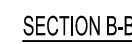
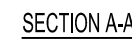


NOTE:

1. TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REINFORCEMENT.
2. ALL CAPS TO BE CLASS B TENSION LAP SPLICES UNLESS OTHERWISE NOTED.

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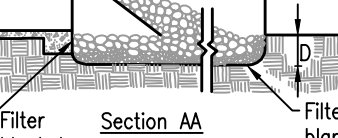
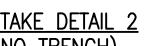
TYPICAL OPENING DETAIL

POND LINER & COVER
N.T.S.



DETAILS
REDSTONE GATEWAY - PACKAGE I
LAKE F
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

[illegible]



1. A STABILIZED PAD OF CRUSHED STONE SPREAD OVER FILTER FABRIC SHALL BE LOCATED WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO PREVENT TRACKS FROM BEING CONTAMINATED BY MATERIALS DURING THE RAILROAD DEMOLITION, FILTER FABRIC SHALL BE NONWOVEN GEOTEXTILE CLASS IV OR EQUAL.
2. THE TRACKS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
3. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY BY STREET CLEANING (NOT FLUSHING). WHEN MATERIALS ARE RELEASED ONTO A PUBLIC STREET OR DRAINAGE DRAINAGE, A PUBLIC STREET, WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN.
4. IF THE PAD SLOPE TOWARDS THE ROAD EXCEEDS 2%, A DIVERSION RIDGE 6" - 8" HIGH WITH 3:1 SLOPES MUST BE CONSTRUCTED ACROSS THE FOUNDATION APPROXIMATELY 15' AWAY FROM THE ROAD AND DRAIN INTO A SEDIMENT TRAP OR BASIN.

